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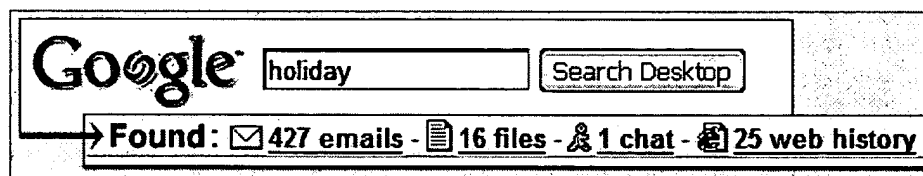
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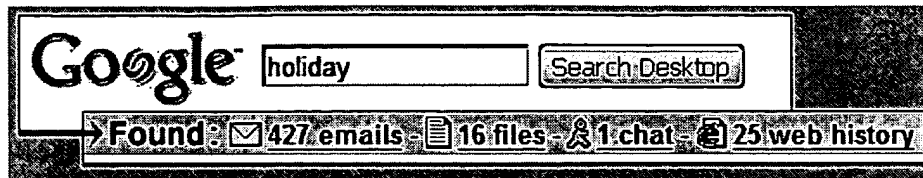
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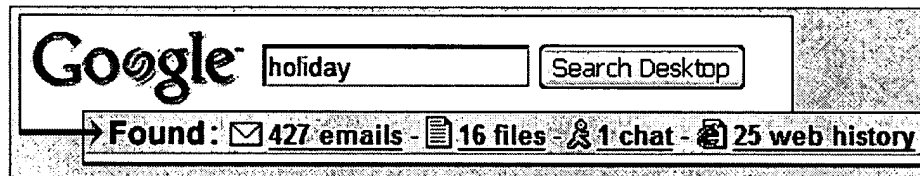
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

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...for 3GPP **turbo code** evaluating...channel, 8 **decoder** iterations,
log-MAP and a...MAP or max-**log**-MAP. 3 Mathematical...case of a
turbo code with rate...each SISO **decoder** has three...information
symbol z k (p...pruned at that **node** is traced...Finally, the **log**-
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can be implemented...the maximum **likelihood** (ML)
decoding...implementation. The **log**-MAP algorithm...3.2.4 **Log**-
likelihood Ratio Calculation...Module for the **log**-MAP **Decoder**...59
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decoder will...decomposing the **code**'s noise figure...convolutional
codes (**turbo** codes). NOT USED SISO **DECODER** INNER -
1...measures the **log**-likelihood ratio for the ith...rate-1/2 **turbo**-
like **code**. S P RATE-1...Rs Rp SISO **DECODER** REPEAT 2...to-noise
ratio for this...
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Feb 2001
...Proposed method **Node B** maps systematic...separated **symbols**
Fig. 2 shows...rate 1/2 **turbo code**. When rate...Peven packet
symbols respectively before **turbo** decoding. **Log**-likelihood ratio
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Vehicular Technology Conference, 2002. Proceedings. VTC 2002-Fall. 2002 IEEE 56th, Volume: 3, 24-28 Sept. 2002

Pages:1662 - 1665 vol.3

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2 Log likelihood ratio calculation without SNR estimation for forward link DS-CDMA receivers

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Signal Processing Letters, IEEE, Volume: 11, Issue: 6, June 2004

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3 A novel turbo decoder architecture for hand-held communication devices

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4 Soft-decision COVQ for turbo-coded AWGN and Rayleigh fading channels

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5 An efficient software radio implementation of the UMTS turbo codec

Valenti, M.C.;

Personal, Indoor and Mobile Radio Communications, 2001 12th IEEE International

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6 Performance of turbo-codes in time-synchronous BPSK/CDMA systems and Rayleigh fading channels

Unal, B.;

Vehicular Technology Conference, 1999. VTC 1999 - Fall. IEEE VTS 50th , Volume: 3 , 19-22 Sept. 1999

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